

MONUMENT RECORD

Corner ID: **BeanBI_k23**

Quarter Corner

Section 33-T10N-R02W, 2nd P.M.

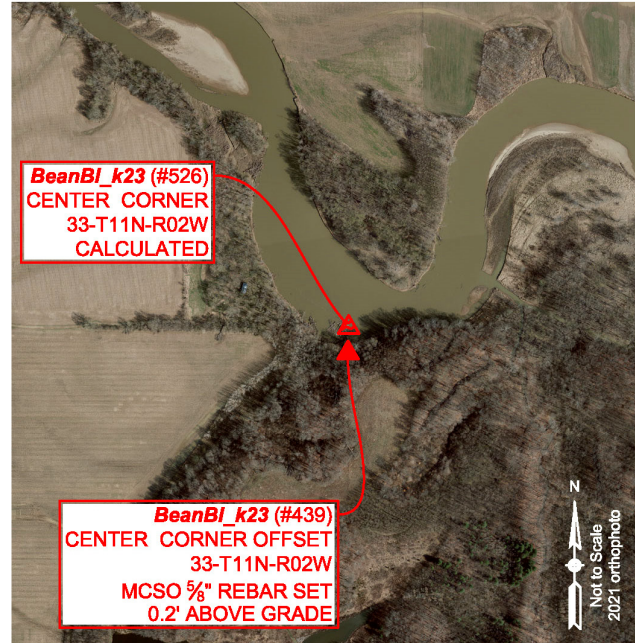
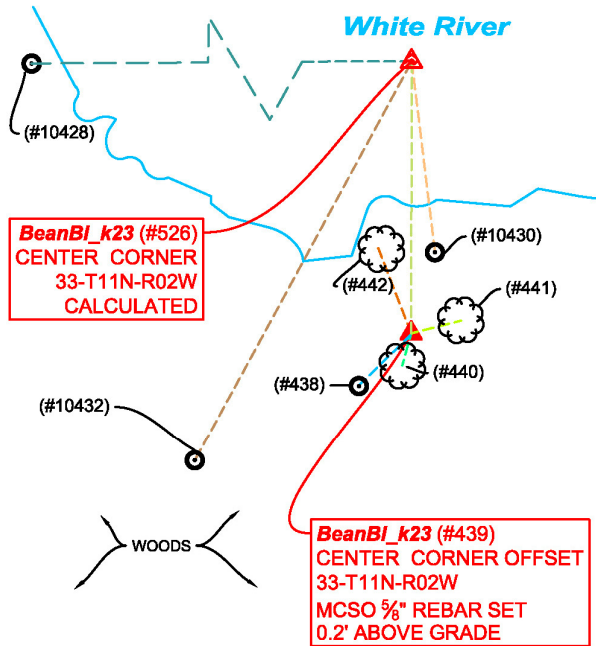
Bean Blossom Township, Monroe County, Indiana

Section 33
T11N-R02W

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

The calculated center of Section 33 T10N R2W (point #526) fell in white river. A 5/8" diameter rebar (24" long), with 2" diameter aluminum cap inscribed MONROE COUNTY SURVEYORS OFFICE SHEPPARD PLS#20100021 (#439), was set with top left 0.2' above ground, at the tow of slope of a steep, wooded, North facing hill, in an old east-west fence line, on line between the calculated center of Section and the concrete post at the South quarter corner of the Section and 150.00' from said calculated center.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's (Bearing Trees) and/or witness objects established or work done to preserve existing evidence. BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with a Sokkia Set 510 Total Station. Note Ties shown hereon are to the witness rebar, 150.00' North of the calculated corner in the river.

ID	Bearing	Distance	Description
(#442)	N21° 10'W	50.6'	26" diameter soft Maple tree
(#441)	N75° 44'E	28.5'	41" diameter Beech tree
(#440)	S12° 21'W	5.9'	5" diameter east fork of twin buckeye tree
(#438)	S49° 25'W	11.4'	5/8" diameter rebar found lying flat, 8" below ground believed to have been set in RSID005433

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting. Note: These accessories are from the calculated corner in the river.

(#439)	S00° 07' 38"W	150.00'	N: 1493278.5384' E: 3078045.6273' Aluminum capped rebar set 0.2' above ground at North toe of slope of steep hill
(#10430)	S06° 58' 13"E	106.06'	N: 1493323.2611' E: 3078058.8311' Rebar Lite
(#10432)	S28° 33' 17"W	250.96'	N: 1493208.1022' E: 3077926.0007' Rebar Lite
(#10428)	S89° 58' 15"W	907.50'	N:1493428.0732' E:3077138.4605' Base of bent 1/2" diameter rebar found 0.5' below ground believed to have been set in a survey in RSID005432



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Bean Blossom Township, Monroe County, Indiana

Section 33
T11N-R02W



PHOTO IDENTIFIED: *Photo Date: 4/25/2024*



Photo Orientation & Description: From West Looking East (to witness rebar)



Photo Orientation & Description: From North looking South (to witness rebar)

EXISTING SURVEY HISTORY *Include as much detail and history of the corner as known at the time of perpetuation*

The center of the Section was not set in the original Government survey of the Section.

ORIGINAL CORNER ESTABLISHMENT:

Date Surveyed: May 22, 1907 *By:* C.M. Bowers

Where filed or recorded: Legal Survey Book 3, Page 27

Original monument: Not noted

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Stone		N54 1/2°W	16 Links
Stone		S13°W	16 Links

Notes: Mr. Bowers noted Beginning at the S ½ mile corner of the Section and measuring North 156 rods and 18 Links to establish this corner.

OTHER SURVEY HISTORY: *Include details such as surveyor name, date, recording info, monument description, etc.*

Date	RSID	Surveyor	Description	
6/27/1971	RSID005431	Dorman, Henry J.	15.7 acre Survey	
4/10/1979	RSID005432	Farkas, Edmund O.	72.37 ac Boundary Survey	
8/08/2014	RSID005433	Rachel Oser	Survey of Martin Family Property	

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 4/23/2024 & 4/25/2024 *By:* MES/JMG *Monument Found:* none *BTs or Reference Objects Found:* No, but references were established. *Project #:* 24-001 *Field Book:* 56, pages 30 & 33 *Notes:* Actual corner is in White River

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

We reached the location by parking at a cable at the end of a farm lane that intersects Moon Road and walking 907.5' East, along the river to the location. Corner is in the river. A fence runs generally east and west and generally along the toe of a steep hill, that begins ±150' South of the corner.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

We set a witness corner to the calculated corner in the river and 2 Rebar Lites, as well as located trees to reference the witness corner.



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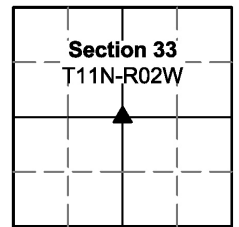
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Bean Blossom Township, Monroe County, Indiana



THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The corner was established at the extension of the rebar set at the base of a disturbed stone, through a rebar that is noted in a survey by Edmund Farkus dated April 10, 1979 (RSID005432) and at record distance, per said survey of 907.5' from said rebar. Said rebar is at an old occupation corner, consisting of an old east-west tree line and North bound edge of a crop field/overgrown field with trees. A survey by Henry J. Dorman dated June 27, 1971 (RSID005431) also notes this dimension of 907 1/2' (55 rods) from said Center of Section corner, though he does not show a monument at said corner, or the Center of Section. The procedures set forth by the Bureau of Land Management for establishment of the Center of a Section of land is to establish it at the intersection of the lines joining opposite quarter corners of the Section. The corner as calculated this survey is 124.7' West of a straight line between the rebar set at the North quarter corner of the Section and the concrete post at the South quarter corner of the Section, and 24.1' South of a straight line between the rebar set at the East quarter of the Section and the stone at the West quarter corner of the Section and may technically bear an uncertainty of that magnitude, however it is obvious that it was not originally established in the manner it was supposed to have been established. It appears that it was originally established from a bearing of North from the South quarter corner. It is noteworthy that in its original establishment it was noted as being 156 rods and 18 links (2585.88') North of the South quarter corner vs the 2576.09' measured this survey and 144 rods and 7 links (2380.62') East of the West quarter corner of the Section vs the 2379.60' measured this survey.

GEODETIC COORDINATES: *Northing:* 1493428.5', *Easting:* 3078046.0'

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000041208.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 33, Township 11 North Range 2 West by Michael E. Sheppard of the Monroe County Surveyor's Office dated June 18, 2024.

CERTIFICATIONS:



Michael E. Sheppard

Date: 6/18/2024
Michael E. Sheppard
State of Indiana
Professional Surveyor
No. 20100021



Trohn Enright-Randolph

Date: 6/18/2024
Trohn Enright-Randolph
Monroe County Surveyor



Accepted by the Monroe
County Surveyor Review
Board on 6/18/2024



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